UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

11/21/2005

Alexander M. Gerasimow Allen-Bradley Company, LLC 1201 South Second Street Milwaukee, WI 53204-2496 EXAMINER

NGUYEN, TAI T

ART UNIT PAPER NUMBER

2632

DATE MAILED: 11/21/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662,753	09/15/2003	David D. Brandt	03AB147/YOD ALBR:0135	1913

TITLE OF INVENTION: MULTI-FUNCTION INTEGRATED AUTOMATION CABLE SYSTEM AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	02/21/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further co- indicated unless corrected maintenance fee notification	below or directed otherwise	in Block I, by (a)	ders and notif) specifying a	new correspondence addi	ess; and/or (b) indicating a sep	arate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE	CE ADDRESS (Note: Use Block 1 for	any change of address)		Fee(s) Transmittal papers. Each addit	of mailing can only be used in This certificate cannot be used ional paper, such as an assignm	for any other accompanying ent or formal drawing, must	
7.	590 11/21/2005			have its own certif	icate of mailing or transmission.	3 ,	
Alexander M. Ge Allen-Bradley Con 1201 South Second Milwaukee, WI 53	mpany, LLC I Street			I hereby certify the States Postal Servi addressed to the transmitted to the least service of	Certificate of Mailing or Tran at this Fee(s) Transmittal is beir ce with sufficient postage for fi Mail Stop ISSUE FEE address JSPTO (571) 273-2885, on the	smission ng deposited with the United rst class mail in an envelope s above, or being facsimile date indicated below.	
Willwattee, W133	2012190					(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	!	FIRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/662,753	09/15/2003		David D.	Brandt	03AB147/YOD	1913	
TITLE OF INVENTION: M	MULTI-FUNCTION INTEG	RATED AUTOMA	ATION CABL	E SYSTEM AND METHO	DD ALBR:0135		
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400)	\$300	\$1700	02/21/2006	
EXAN	IINER	ART UN	IT	CLASS-SUBCLASS	\neg		
NGUYEN, TAI T		2632		340-310010	_		
CFR 1.363). Change of correspond Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME AND	tion (or "Fee Address" Indicator more recent) attached. Use D RESIDENCE DATA TO B an assignee is identified be a 37 CFR 3.11. Completion of	Correspondence ation form of a Customer E PRINTED ON Telow, no assignee of this form is NOT	(1) the nam or agents O (2) the nam registered a 2 registered listed, no name of the PATENT data will apperate of a substitute for a substitute of the PATENT of the PATENT data will apperate of the PATENT of the PATENT data will apperate of the PATENT of the PATENT data will apperate of the PATENT of the PATENT data will apperate of the PATENT of the		as a member a 2as a member a names of up to s. If no name is 3signee is identified below, the	document has been filed for	
Please check the appropriate 4a. The following fee(s) are	e assignee category or catego	<u> </u>	inted on the pa		Corporation or other private gr	roup entity Government	
Issue Fee	enciosed.	40		n the amount of the fee(s) i	s enclosed.		
☐ Publication Fee (No small entity discount permitted)		ed)	Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
5. Change in Entity Status	(from status indicated above)	<u> </u>				
• •	MALL ENTITY status. See 2				MALL ENTITY status. See 37 (
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	te Fee and Publicat vill not be accepted ent and Trademark	ion Fee (if any I from anyone Office.	y) or to re-apply any previous other than the applicant; a	ously paid issue fee to the applic registered attorney or agent; or t	ation identified above. the assignee or other party in	
Authorized Signature				Date			
Typed or printed name			Registration No.				
This collection of information an application. Confidential submitting the completed applications.	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. oplication form to the USPT	11. The information 122 and 37 CFR 1 O. Time will vary	n is required to 1.14. This coll- depending upo	o obtain or retain a benefit ection is estimated to take on the individual case. An	by the public which is to file (ar 12 minutes to complete, includi y comments on the amount of to	nd by the USPTO to process) ng gathering, preparing, and ime you require to complete	

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/662,753	09/15/2003	David D. Brandt	03AB147/YOD ALBR:0135	1913		
7590 11/21/2005			EXAMINER			
Alexander M. Gerasimow			NGUYEN	NGUYEN, TAI T		
Allen-Bradley Company, LLC 1201 South Second Street			ART UNIT	PAPER NUMBER		
Milwaukee, WI 53204-2496		2632	-			
			DATE MAILED: 11/21/2005			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 214 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 214 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.